# Hess’ Law

Lesson plan

Ministry Requirements:

D2.5 solve problems related to energy changes in a chemical reaction, using Hess’s law [AI]

d2.6 conduct an inquiry to test Hess’s law (e.g., measure heats of reaction from the combustion of magnesium, and combine them to yield the ΔH value of the reaction) [PR, AI]

d2.7 calculate the heat of reaction for a formation reaction, using a table of standard enthalpies of formation and applying Hess’s law [AI]

d3.4 state Hess’s law, and explain, using examples, how it is applied to find the enthalpy changes of a reaction

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